

local — Repeat of 1983's flood films this year, says logist. Page 2

sports — 10 stars shine at week-5 NCAA meet. Page 4

ampus — 10 says religions must stop respect for each r. Page 8

festyle — 10/1 no longer exclud playground for the lthy. Page 3

Shuttle 'weaknesses ignored'

Washington (AP) — The Rogers commission said Monday a breached rocket booster joint, whose weaknesses were known but ignored, destroyed the space shuttle Challenger, and that NASA must return to the safety-first policy of the Apollo moonlight days. There was plenty of warning from lower-level engineers that the joints were badly designed, including one report that they would destroy the shuttle and its crew, the report said. But it said these warnings went unheeded by top officials of both NASA and the manufacturer, Morton Thiokol. On launch day, some Thiokol engineers argued against lifting off in the cold weather. James C. Fletcher, a former head of NASA only five weeks into his second term at the helm, promised to respond to the conclusions of an open mind and without reservations. The commission called the Jan. 28 Challenger tragedy, which claimed 7 lives, "an accident rooted in history."

William P. Rogers, chairman of the presidential investigative panel, said, "We know exactly how this accident occurred. I certainly hope there will be no nagging questions."

The commission was not asked to assess blame "and we have not assessed blame," Rogers told a news conference. "Obviously there was a serious failure. We are not going to go beyond that."

President Reagan, formally accepting the report, said that because of the commission's work, "our shuttle program will be safer and better prepared for the challenges that lie ahead."

Fletcher said, "There is enough blame to go around. The fault was not with any single person or group. It was NASA's fault."

He told a late-afternoon news conference that the space agency regards July 1987 as a realistic goal for resumption of shuttle flights, based on all the recommendations made by the commission.

One of the commission's recommendations, the appointment of an independent committee of experts to review any new booster designs, came into fruition Monday, when the national research council announced formation of a panel of experts in the fields of propulsion, materials, reliability and aerospace engineering.

"The unremitting pressure to meet the demands of an accelerating flight schedule might have been adequately handled by NASA if it had insisted upon the exactly thorough procedures that were its hallmark during its Apollo program," the report said in a chapter titled "The Silent Safety Program."

The commission said the rocket joints' problems came to be regarded as "unavoidable and an acceptable flight risk," showing that safety had taken a back seat at NASA. A well-managed system "would have flagged the rising doubts" about the joint and its seals, the commission report said. And if those concerns had been noted, the report added, "it seems likely that the launch of 51-L might not have occurred when it did."

Five men and two women, including schoolteacher Christa McAuliffe, perished in the accident — the first during a space mission after 55 successes. The explosion, watched by millions of Americans, stopped the manned space program for at least one and a half years.

"The NASA shuttle program had no focal point for flight safety," said the panel in its 256-page report to Reagan.

Sen. John Glenn, D-Ohio, the first American to orbit the earth, said the commission showed "the modest of a few people in key positions at NASA have gone from an optimistic and super safety-conscious 'can-do' attitude, when I was in the program, to an arrogant 'can't fail' attitude on the day the Challenger exploded."

On Capitol Hill, the commission's report generally was well-received, although some lawmakers said they felt it was up to Congress to answer any lingering questions about space safety.

The Rogers panel insisted that the rocket must be changed, no matter how long it takes or what the cost. And, conceding there was no way the Challenger could have survived, the commission said but NASA should "make all efforts to provide a crew escape system for use during controlled gliding flight."

The booster design should be such that it could withstand slight differences in size, transportation and handling, assembly, exposure to weather, internal pressures, recovery from the ocean and re-use, the report said. It also said that an independent committee from the National Research Council should oversee the booster design.

The report cited a long history of problems with the booster joint seal, which it said was badly designed.

The commission dismissed any thought that sabotage might have played a part in the explosion and went to great lengths to say it found no White House pressure to launch the shuttle after a night of bitter cold on the launch pad.

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November ballot to list Morris



Universe photo by Paul Sauter
ing campaign efforts by J. Onell Miner's son were fruitless. Miner lost the election bid by a substantial margin.

By MANDY JEAN WOODS
Senior Reporter

Eighty-two percent of the 1,100 delegates at the Utah County Republican Party Nominating Convention voted to have a new two-year county commissioner in January.

Commissioner J. Onell Miner lost his reelection bid to Brent C. Morris, currently serving as assistant to Gary J. Anderson, chairman of the County Commission. Morris received 746 votes, and Miner received 160.

According to the electoral rules, if a candidate wins more than 70 percent of the vote, his name goes directly onto the November ballot sheet, foregoing the August 19 primaries.

Incumbents Wayne B. Watson, county attorney, and Robert W. Warnick, four-year commissioner will face close primaries in August.

Watson got 222 votes, while Steve R. Kilpatrick, running on the platform of serving as a full-time county attorney, received 483 votes. Four-year County Commissioner Robert W. Warnick received 454 votes, and Malcolm H. Beck received 312 votes.

The race for county auditor was also unexpectedly close. Incumbent County Auditor Elwood L. Sundberg beat his one opponent by a slim margin of 50 votes. He received 479 votes

and his opponent, retiring BYU professor John H. Adams, received 429 votes.

Incumbent County Sheriff David R. Bateman barely held the edge over his challenger, Deputy Scott W. Carter. Bateman received 416 votes and Carter, 412. Here is a summary of how the candidates fared Saturday:

Two-year County Commissioner: Brent C. Morris — 746; J. Onell Miner — 160.

Four-year County Commissioner: Robert W. Warnick — 454; Malcolm H. Beck — 312; Keith A. Haslam — 142.

County Attorney — Steven R. Kilpatrick — 483; Wayne B. Watson — 222; Gregory M. Warner — 195.

County Auditor — Elwood L. Sundberg — 479; John H. Adams — 429.

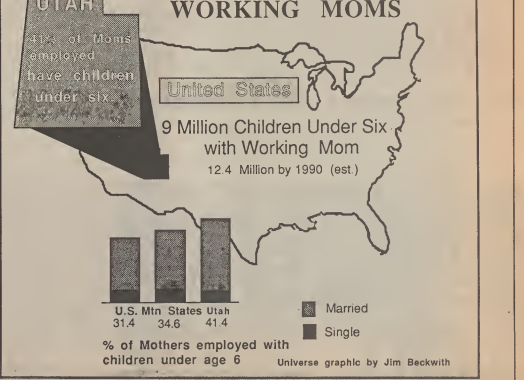
County Sheriff — David R. Bateman — 416; Scott W. Carter — 412; Floyd L. Farley — 80.

Procon Constable — Jerry Millard — 154; David Lee Carter — 111.

Prec. 1 Constable — Raeldon Palmer — 66; Jim Phelps — 57; Lynn E. Clingo — 4.

Leg. District 60 — Pat Nix — 73; Henry J. "Hank" Savage — 23.

Leg. District 64 — Byron L. Harward — 66; S. Randall Bybee — 3.



Alternative childcare helps working moms care for kids

By AUDREY GADZEKO
Senior Reporter

Baby sitters and pre-schools can be the working mother's lifeline, and although the quality of care available at some of these facilities is questionable, most of them agree they provide an indispensable service.

Many BYU mothers alternate their children between pre-schools and babysitters. Susan Gardner, a former BYU single parent, said about four out of her child's seven years were spent mainly at a pre-school. "As a single mother, I had no alternative but to leave her at a pre-school while I was at school and work."

Peter and Patricia Milanzi, BYU parents, said their daughter is still too young for pre-school so when they are not around, they rely on friends, neighbors and relatives to take care of her.

In some communities mothers resort to group child-care programs or take turns caring for each other's children. But for growing children with working mothers who have no access to after-school child-care programs, the solution is to let children let themselves in the house after school. This group of latchkey children are left with no adult supervision.

But even when there is adult supervision, many parents say they still have reservations about leaving their children with baby-sitters or at pre-schools.

Statistics show there are as many as 95,000 Utah children in out-of-home, unlicensed care situations and that the safety of these children

may be at risk.

According to Larry Jensen, a BYU psychology professor, safety is of prime importance in child care. "It is important to have a responsible person who knows how to react in an emergency situation," explained Jensen. "A person you know and trust will not be abusive or molestive."

Patrice Milanzi said she worries about whether her daughter is eating the right foods and being properly watched. "Sometimes sitters watch other children so they might not be able to give individual attention to her. Anything could happen," she said.

Milanzi recalled that one day her baby's blanket was burned at the babysitter's home. That same day, her neighbor's baby broke her arm at another sitter's house. There is a real worry about proper care, Milanzi said.

Coupled with the fear of physical harm is the fear of emotional and psychological danger that may accompany improper child care, according to Jensen. The thing to do, he said, is to select someone who is kind and caring and with whom the child would feel secure.

Gardner said it is hard to know whether a sitter will be good or not, but she uses her own screening method — instinct.

"If I feel uncomfortable in a place, I know my daughter will too, so I don't leave her in places I'm not at ease," she said.

Even with careful screening there are no guarantees, he said. "A good and efficient housekeeper may not necessarily be compassionate or caring." So, said Jensen, friends and relatives are preferable to strangers.

King new steps to Mideast peace

Hussein suggests new avenues

WASHINGTON (AP) — King Hussein of Jordan suggested to Reagan some possible new avenues toward a Middle East settlement Monday, U.S. officials said, but there to indications the two leaders found a way to break the Israeli deadlock.

Senior administration officials, briefing reporters at the House after the private talks, said Hussein suggested things . . . that relate to how things might move forward, are are specifics that I just can't get into at this point in

remain committed to the continuing search for peace in the region," said the official, who spoke only on the condition he not be identified.

"Throughout these difficult months, our very longstanding ties and our concern for the security and the prosperity of Jordan have not wavered, nor will it," the official said.

"We remain as convinced as we ever were that Jordan is a trustful friend, and the president has just reaffirmed to the king that trust and that friendship in their meeting," he said.

The official indicated that Hussein had offered a number of suggestions, but he refused to disclose any details.

"We've been keeping in very close touch with the king, the Israeli leadership, the Egyptian leadership, and collecting ideas from them, looking at what we think can be done, but we're not laying any plan on them at this moment in time," the official said.

Bangerter to hear UDOT opposition

ANDY JEAN WOODS
Reporter

Norman H. Bangerter has agreed to meet with local officials Thursday to discuss their concerns about the Utah Department of Transportation's plan to U.S. 189 up Provo Canyon.

Concerned citizens groups brought the UDOT to the public attention, spurring pass-resolutions by the Orem and Provo councils as well as the Utah County Commission which oppose the UDOT plan

and request Gov. Bangerter's intervention.

Opponents say UDOT has deviated from the plan approved at public hearings in 1983, which called for an improved two-lane road with periodic passing lanes.

They also feel the wider, straighter road, which will have a 50 mph speed limit, will be more inviting to interstate truckers. Citizens for a Scenic Canyon estimates the number of trucks using the canyon could increase from 900 daily to over 3,000 daily.

They also argue that the two-lane plan

will have the least environmental impact.

"When UDOT wants to move the river from its bed, build 30-foot high concrete walls, and place berms in the existing parks to keep down the noise, you can see how unimportant the beauty of the canyon is to them," said BYU professor David Magleyby who heads the CSC.

Magleyby said his organization is prepared to initiate a court action against UDOT to halt construction should efforts to have Gov. Bangerter intercede fail. UDOT will begin advertising for bids June 15.

I-80 and railroad still intact; another storm may cut traffic

SALT LAKE CITY (AP) — Authorities do not believe the widening breach in a Great Salt Lake dike poses immediate danger to the two key transportation links between northern Utah and California's Bay Area, but they fear a new storm could inflict serious damage.

Waves, whipped by weekend winds up to 50 mph, slashed the 700-foot hole in a dike protecting evaporation ponds at AMAX Magnesium Corp., a magnesium and salt extraction company at the southern edge of the lake. AMAX did not know how costly the weekend damages to the dike would be.

The water surged near I-80 and the Union Pacific Railroad tracks along the southern shore, while to the north, wind-fanned waves damaged about 11.5 miles of a Southern Pacific Railroad causeway.

According to Lt. Col. Jerry Norton of the Utah National Guard, the dike is too weak to support the equipment necessary to repair it.

"The biggest problem we're going to run into would be to get a truck out there," he said.

"The area we're looking at protecting is I-80," he added. "It's too late to protect AMAX. The people we met with at AMAX realize it's too late to save them."

Dave Davis, AMAX manager of safety and general services, said the water was not threatening other dikes or buildings at the plant, which employs about 750 people.

Earlier this month the lake reached its highest mark ever, 4,211.8 feet above sea level.

Fed by four years of heavy precipitation, the lake has risen about 10 feet and caused more than \$775

million in property damage. The latter figure does not include the effects of the weekend's storm.

Officials said the Union Pacific dike would likely hold for the time being.

Gerald Pera, a Southern Pacific spokesman at the railroad's headquarters in San Francisco, said the storm knocked some tracks out of alignment on the 27-mile-long causeway in the central part of the lake and other portions were washed out or under water.

Southern Pacific had no dollar estimate Monday of the damage to its line, which connects northern Utah and northern California, Pera said.

Martin Luther's impact topic of today's forum

Reformation specialist, De Lamar Jensen, will be the speaker at the forum today at 11 a.m. in the De Jong Concert Hall.

"What Can We Learn From Martin Luther?" will be the subject of the address by Jensen, the dean of the BYU Honors Program, professor of history and a specialist on the 16th-century reformer.

The talk will be broadcast live on KBYU-TV and repeated today at 9 p.m.

Jensen said few people have had a greater impact on the life and thought of Christendom than Martin Luther, yet many people are unaware of the real nature of his impact.

Waiting is the hardest part

SL cameraman (left) films boys auditioning for a part in a Hollywood movie at the BYU Motion Picture Studio. The producers are looking for a 9-to-12 year-old. The lucky star-to-be will earn \$300 a week for nine weeks.

Universe photo by Paul Sauter

NEWS DIGEST

Six African squatters die in conflict

CROSSROADS, South Africa (AP) — Thousands of rival black squatters clashed in bloody battles at Crossroads and nearby shantytowns on Monday for the second time in a month, killing at least six people and wounding more than 20.

In raging, daylong fights using guns, clubs and knives, several thousand conservative vigilantes burst through police lines to charge against young anti-apartheid radicals and refugees, police said. The rampagers set fire to hundreds of the wood, tin and plastic homes in the KTC section of Crossroads and nearby Nyanga.

The structures burned down included a clinic and relief center housing 2,500 of the approximately 30,000 people left homeless after last month's clashes. Five people were hacked to death and one died from bullet wounds, police said. Officers said the toll was probably higher.

High costs threaten Israeli warplane

TEL AVIV, Israel (AP) — Israel's warplane of the future may be a thing of the past unless agreement can be reached with the United States on financing the Lavi, a fighter-bomber jet to be used in the 1990s.

Washington has held up funds pending resolution of the dispute, but Brig. Gen. Menachem Eini, head of the Lavi project, said Monday that a prototype would go ahead.

But he called the argument with the United States "very serious" and said that if it continues, it could jeopardize the program.

The squabble comes at a time when U.S.-Israeli relations have been strained by reports that Israel had a wide-ranging spy operation in the United States and that Israeli arms dealers tried to sell large quantities of weapons to Iran.

Agents broaden arms seizure case

SALT LAKE CITY (AP) — The discovery of new evidence has prompted federal agents to delay filing charges involving the seizure of hundreds of automatic weapons and parts from warehouses in Utah and Colorado last week.

Authorities had said last week that charges of violating federal firearms statutes likely would be filed Monday, however, the investigation has been broadened.

KSL radio reported that some of the arms may have been destined for the Middle East, while others were ordered by former President-for-Life Jean-Claude Duvalier of Haiti before he fled to exile in France.

Miller's lover 'lied' says prosecutor

LOS ANGELES (AP) — The prosecutor at the espionage trial of Richard W. Miller denounced the former FBI agent's Soviet lover as a liar and a spy Monday, and urged jurors to convict him.

"The defense case depends on the believability of Svetlana Ogorodnikov," said Assistant U.S. Attorney Russell Hayman. "She's a convicted Soviet spy. Her testimony is contradicted by volumes of evidence."

Hayman, in a methodical review of testimony during Miller's second trial, focused heavily on the appearance of Mrs. Ogorodnikov, who had not testified at the first trial. That trial ended in a jury deadlock.

Girl says 'gag me with a toothbrush'

DE PERE, Wis. (AP) — Brushing her teeth may make 14-year-old Kerry Shea a bit nervous, but it's understandable — she swallowed her toothbrush and doctors had to fish it out of her stomach with a hook.

"It's still kind of scary and kind of embarrassing," said Shea. "My stomach's a little uncomfortable right now."

"My toothbrush was slippery because I had just washed my hands. It just slipped and I swallowed it," she added.

Professor says floods unlikely

The opinion of city officials who say they are "cautiously optimistic" that Provo can avoid flooding problems this spring is confirmed by a BYU geology professor who says he is confident there won't be a repeat of the flooding of 1983.

City officials have been worried about Provo's flood threat this spring, which is caused by winter rains and snows that exceeded even 1983 highs. Provo has been given a flood rating potential of 8.8 in a scale with 10 as a high.

"I don't see a repeat of '83 for two reasons: first, warm temperatures in the latter part of May have greatly dried soils, so much of the water coming out of the mountains will go into groundwater," said Professor Dale J. Stevens. "Second, all the municipalities are much better prepared."

Provo city workers have been busy rip-rapping river banks with concrete blocks to avoid erosion, stock-piling sandbags and clearing storm drains. Deer Creek Reservoir officials also anticipated a high run-off and drained the

reservoir earlier this spring to handle the increased water flows.

"If we were to have any flooding, we'd be able to handle it better than in the past," said Stevens. "All the agencies involved have acted prudently."

The BYU weather station recorded an all-time high 22.57 inches of precipitation this year from Oct. 1 through May 31, or 192 percent of normal. The water exceeded the 22.48 inches recorded during the same period in 1983-85.

Recent warm temperatures, reaching the upper 80's, have accelerated the snow run-off, but Stevens said the water is still not entering the valley at the 1983 rate. High evaporation at 112 percent of normal, helped out by decreasing the water level slightly.

Provo officials have estimated they have 10 days at the present rate before Deer Creek Reservoir fills, but Stevens said that was a conservative estimate.

Stevens said presently unforeseen storm conditions could change conditions, but that the flooding threat is nearly over.

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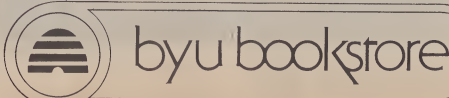
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The Daily Universe is published Monday through Friday during fall and winter semesters except during vacation and examination periods. The Universe is published Tuesdays, Wednesdays, and Thursdays during spring and summer terms.

Opinions expressed in The Universe do not necessarily reflect the views of the student body, faculty, university administration, or board of trustees of The Church of Jesus Christ of Latter-day Saints.

Subscription price: \$25 per year. Offices: 338 Ernest L. Wilkinson Center, Printer: Brigham Young University Print Services.

Editor/News Editor: Tom Christensen; Deputy: Al McGr. Paul Porey; Ad Service Mgr. Shannon Borg; Ad Art Director: Ron Bell; City Editor: Steve Gardner; Campus Editor: Leah Rhodes; Sports Editor: Susan Fuge; Lifestyle Editor: Amber Boole; Editorial Page Editor: Rob Harrill; Copy Desk Chief: Tom Walton; Night Editor: Debbie Howell; Photo Director: George Pres; Wire Editor: Tom Perry; Asst. Campus Editor: Angie Holdaway; Assoc. Copy Editors: Steve Hawkins, Rachel Collier; Photo Editors: Paul Soutar, Dave Siddoway; Jim Beckwith, Brian Beckert; Senior Reporters: Mandy Jean Woods, Audrey Gadzekpo; Teaching Asst.: Brach Schleuter; Morning Editor and Receptionist: Julie A. Fenton; Afternoon Asst. Editor and Receptionist: Diane Harboe; Unifext Editor: Myron Lee.

New study reveals surprising truths about Utah's poor

By AUDREY GADZEKO
Senior Reporter

A recent study on Utah's homeless shatters some common notions people hold about homeless people in Utah and elsewhere in the nation.

The study, initiated by mayor Palmer DePaulis of Salt Lake, showed contrary to popular belief, most of the state's homeless have at least 12 years of education. Out of the number of homeless people surveyed, 33 percent had a high school education and another 20 percent had education beyond high school.

Although people characterize the homeless as bums who are not willing to work, the report showed 74 percent of the men interviewed and 23 percent of the women said they usually work. More surprising was the fact that about 63 percent of the respondents said they had, at one time, held jobs for three or more years.

Most blame their present predicament on the loss of jobs, and said they were seeking employment in Utah.

Even more concerning was the fact that psychological distress was significantly higher within this community than in the general Utah population, and although in the minority, this subgroup reported serious problems with substance abuse.

DePaulis said it was the first major study done on the homeless and he was surprised by some of the findings.

Plans are underway, said the mayor, to help habilitate Salt Lake's homeless people. Although the final study will not be completed until August or September, DePaulis said some alternate arrangements are being considered for the homeless. Some of these include the building of a single unifying facility where support services such as health care will be included.

It is estimated that \$1 million will be needed for the project. Most of the money is expected to come from the private sector. Already an anonymous donor has contributed \$150,000 for the care of the homeless. Fund raising activities will also be organized to help raise money, said the mayor.

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TEVEN K. KENT
erse Staff Writer

h the new airfare prices, summer in Hawaii is nly not the sport of the rich as it used to be. indtrip fares range from the \$700 first class tag to economy packages that include a week of stay and the airport of origin.

he is. Each island has its own pleasures.

u is the most popular island to visit. More ated than the other islands, Oahu features the ight life and several shows and activities for est time visitor.

Waikiki, the famous beach, is on the south-west of Oahu. Basically a two-mile strip of beach, it features several small museums, shopping es, discotheques, restaurants, and movie thea-

Waikiki is slick, fast paced and crowded. ny tourists complain that it is exactly what ame to Hawaii to escape from.

ast island census reported that Hawaii had one million residents, more than three quar- of them live on Oahu, the third largest island of availian chain.

Oahu is not all concrete. Though the south- d of the island is, according to the NBC news, th largest city in the United States, the city is al, not horizontal. It does not stretch around land.

h north end of Oahu is undeveloped. Several beaches, often uncrowded, line the road that to the north. The north shores are also the of the famous Hawaiian surfing tournaments.

elers should know, however, that summer n the north shore is small. The big waves

come in from the south during the summer and the north during the winter.

Still, Sunset beach, on the north shore, is crowded with the most attractive sun bathers all summer long.

As for beautiful tropical fish teeming the beaches, there are few in the beaches of Oahu. Hanauma Bay, a fish reserve, swarms with un- intimidated fish, as does tiny Sharks Cove; but the real fish are around Kauai and the Big island of Hawaii.

"Kauai, the oldest and fourth largest island in the chain, is where tourists who want to get away go."

Kauai not for all

A week on Kauai is not for everyone. There are far less tourists on the island, mostly because there are far less things to do.

There are a couple of hotels, even fewer discos, and some fine restaurants. Things are developing, but people don't go to Kauai for the night-life.

Kauai, the oldest and fourth largest island in the chain, is for tourists who want to get away. There, they can spend the day on beaches undisturbed by the pink and sizzling flesh of an Idaho tourist who

forgot his lotion. The forests on Kauai are the greenest in Hawaii. It is, after all, the "Garden Isle."

Aside from the beach, there is the Smith's Boat rible which steams people up Mount Waialeale, the rainiest place in the world, to the fern grotto. But even so, Kauai may be too slow for many people.

The Big Island offers a little more urban fun than Kauai. Featuring the old cities of Hilo and Kona, the island of Hawaii is becoming a major stop for tourists. Today two major airlines fly into the Hilo airport, one into the Maui airport as well.

On the Big Island the tourist can choose between several diverse terrains. On the Kona side there are two volcanoes, often active, long stretches of secluded beach, and three expensive and exclusive hotels, the Maunakea, the Kona Village, and the Waikoloa.

Where Oahu has Sea Life Park, Paradise Park, the Polynesian Cultural Center, and several Waiki- ki shows, the Big island has only Thurstans Lava tube and the Parker Museum for tourist museums.

Hawaii's biggest museum Lahaina, on the island of Maui, is Hawaii's big- gest museum. The first modern capital of Hawaii, Lahaina was a port for whaling ships.

Much of the old flavor of the town has been saved. There are still tall ships moored in Lahaina harbor and scrimshaw shops along the roads.

Maui is the "in-between island." It has lively night life, some empty beaches, some of the Big island's deserts, and some of Kauai's lush forests. The island is rapidly becoming Hawaii's star attraction for just that reason.

Where people go and how much they enjoy them- selves depends on them. Tourists should plan their trips in advance and study the literature that is available before leaving for the islands.

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SPORTS

3 BYU athletes place in NCAA competition

By ROSS JARDINE
Universe Sports Writer

Three of the six BYU athletes who competed in the NCAA track and field championships in Indianapolis this past week were able to place in their respective events.

Competition at this year's NCAA meet was extremely tough according to BYU track coach Clarence Robison. "It was a real barnburner," he said.

Lars Sundin had the highest finish for the Cougars with a 2nd place finish in the discus. Sundin had a best throw of 191 feet. He also competed in the shot, but his throw of 62-11 was not good enough to place. Assistant coach Mark Robison said the field in the shot was extremely tough this year and the favorite did not even compete.

Decathlete Keith Robinson had a personal best of 7,691 points which was good enough to earn him a 6th place finish in the decathlon. The competition in the decathlon was also very tough according to assistant coach Robison. "Only 300 points separated the 2nd through 6th places," he said. He also noted that the athletes who finished 2nd through 6th all had personal bests.

Robinson was fortunate to even finish according to assistant coach Robison. On the second day of competition he had a knot in his leg that needed attention from the trainer. In spite of the injury Robinson was able to complete all ten events and still score a personal best.

Valmiki threw the hammer 207 feet to finish 8th in a

tough hammer field. The event was won by Ken Flax of Oregon with a collegiate record toss of 257 feet. Flax was the first American athlete to win the hammer in the last 11 years.

In spite of a fine performance, sprinter Kenny Henderson was unable to place in the sprints. Coach Robison said the field in the sprints was "extremely tough" this year. "The 1984 Olympic silver medalist in the 100 meters finished 4th," said Robison. Robison said that Henderson received commitments from other coaches, who recognized his fine effort despite his placing. Henderson had a time of 10.4 in the 100m and 20.8 in the 200m.

Coach Robison said he felt like the BYU men could have finished in the top ten if they would have had the services of senior weight specialist Soren Tallhem. Tallhem suffered an injury to his elbow earlier in the season that required surgery. He is still recovering from the injury and was not able to make the trip to Indianapolis. He had qualified in three events, the shot, hammer and javelin.

Robison was pleased with his team's performance at the NCAA meet. "When you only take six athletes and three of them place, you've got to be pleased," said Robison.

As a team the Cougars finished with a total of 12 points. The team title was won by SMU with 53 points. Washington State finished second with 52 points. SMU trailed Washington State going into the 4x100 relay. The Mustangs were able to pick up a 1st place finish in the relay and overtake Washington State for the team title.

Karblom paces third

By RICHARD ALLENBACH
Universe Sports Writer

BYU Heptathlete Eva Karblom came up short in her attempt to win the two-day, seven event heptathlon contest Thursday at the NCAA track and field championships held at Hoosier track stadium in Indianapolis.

Yet the 5-9 Cougar junior from Stockholm, Sweden, claimed the title of All-American for placing third with her total of 5,621 points. She led the collegiate list this spring with a personal best score of 5,825 earned at the Texas Relays in April.

Karblom's name now goes into the BYU ledger as the 18th female All-American in track and field.

Winning the heptathlon was Jolanda Jones of Houston with a total

score of 5,826, followed by Conny Eckd of Washington State with 5,718.

Karblom started the final day in second place, 50 points behind Jones, but pulled to within 25 points of the Houston sophomore by nailing down first place in the long jump (18-12), the first heptathlon event conducted Thursday.

But in the following event—the javelin throw—Karblom was bested by six other heptathletes, and had to settle for the seventh spot with her 123-9 mark.

The 800 meters was run in two heats. Karblom was 5th in her heat with a 2:25.96 clocking, while Jones grabbed 1st in her heat in a speedy time of 2:13.31 to clinch the heptathlon title.

"We're very proud of Eva," said BYU coach Craig Poole following the

final event. "She scored the second best mark of her career and did a sparkling job." "The thing that caught up with her, of course, was the flu she had a week ago. She gave it a hard fight."

Meanwhile, Cougar Susan DeVries attempted to make the finals in the 100m hurdles, but failed with her time of 14.49. She was sixth in her heat.

Also All-American Angela Cook placed 8th of 12 runners in the 1500 meters Saturday night at the championships.

Cook was clocked at 4:22.46 on a wet track, less than a second off the 4:21.35 time she logged in the qualifying run Thursday.

She moved up on four runners in the finals since she was the 12th and last qualifier. Only the first six were named All-American.

Boston honors winning Celtics

BOSTON (AP) — Larry Bird and associates of the National Basketball Association champion Celtics were the toast of Beantown Tuesday, honored at a downtown parade and city hall rally.

Of course, many cheering Boston fans predicted the victory in game No. 6, one captured handily by the team in green over the Houston Rockets, 114-97.

It all might have been foreseen, said one happy onlooker, by the three fans cloaked in white sheets who drifted around ominously behind the Rockets' bench before the

game. Some claimed it was the "ghosts of the Celtics' glorious tradition haunting the visitors."

The eerie welcome for the intruding Rockets, who dared to threaten the Celtics' winning tradition in the Boston Garden, seemed fitting. The Houston crew was dominated from the opening buzzer.

How long will Boston celebrate the victory? Not long for Bird, who said he will, "take a short vacation, then begin practicing for next year."

Athletes losing hero image

BY THE ASSOCIATED PRESS

Perhaps the most frightening statistic uncovered in Sports Illustrated's comprehensive investigation of Americans and their attitudes about athletes is that 86 percent of the respondents believe professional athletes are illegal drugs.

"That is a devastating statistic, a huge number that could ultimately undermine this trust house of credence."

For sports to succeed, fans must care about who wins and who loses. But why should they care if 86 percent of the public believe the athletes are on heroin or cocaine, uppers or downers, or some combination of these performance-altering illegal substances?

Collier Seymour Lieberman, who conducted the survey for SI, said his findings indicate "some erosion in the belief that athletes are role models and heroes. We begin to see some cracks in the fans' affection (with sports). It seems to be seen if this turns to disaffection."

Within the drug section of the poll, Lieberman published some other interesting findings. One is that younger respondents were less concerned with the use of drugs by athletes than older people. But more young people than old — 93 percent in the 18-34 category compared to 61 percent of those over age 65 — believe athletes are involved with drugs.

The poll named pro football and baseball as America's most popular sports — no surprise there. But those same

sports also led the poll in the perception of drug usage with 62 percent and 54 percent, respectively. That means more than half of all Americans believe that athletes on the country's two most popular sports are using drugs.

Timing is important here. The poll was conducted last November and December, well after the Pittsburgh drug trials in which baseball's dirty laundry was embarrassingly aired, but before the post-Super Bowl drug charges involving the New England Patriots. Would a later survey have increased pro football's numbers?

Seventy-three percent of those polled favor compulsory random drug tests for athletes while only 14 percent opposed them. Only 20 percent, however, favored the strongest form of punishment, a ban for offenders.

There was a light side to the survey, too. It inquired about what the respondents' greatest sports fantasy would be and discovered that more men, 35-32 percent, would prefer to throw the winning touchdown in the Super Bowl than get the winning hit in the World Series.

It also found that more women than men, 15-8 percent, would prefer to ride the winning horse in the Kentucky Derby, and by 10-4 percent, to win the U.S. Open tennis tournament.

Then there was a tiny fraction among the women, 2 percent, who had perhaps the most interesting fantasy of all. They want to win the heavyweight boxing championship.

Flood remembered for hitting

SAN DIEGO (AP) — When Curt Flood was introduced in his first oddtimer's game, the announcer at Jack Murphy Stadium touted Flood's 238 lifetime batting average. The Diamond Vision scoreboard noted his six seasons of having hit over .300 and his three All-Star Game appearances.

There was no mention Sunday of Flood's lasting contribution to baseball, the one that cost him his career: Flood paved the way for free agency.

Traded from the St. Louis Cardinals to the Philadelphia Phillies after the 1969 season, Flood challenged baseball's reserve clause in court, claiming that the sport's owners practiced slavery in their unilateral control of contracts and trades.

Flood sat out the 1970 season in protest and moved to Denmark while his lawsuit wound its way through court. He was coaxed home by the owner of the Washington Senators, who gave him a \$110,000 contract for 1971 — money in those days.

But the year layoff eroded Flood's skills, and he played for pool 13 games into the 1971 season. He moved to Spain and was there when the U.S. Supreme Court June 1972 ruled against him.

"I've got to believe that Curt Flood's position for first time forced baseball's owners to look at their product and found out they had a pretty good product," teammate Lou Brock said.



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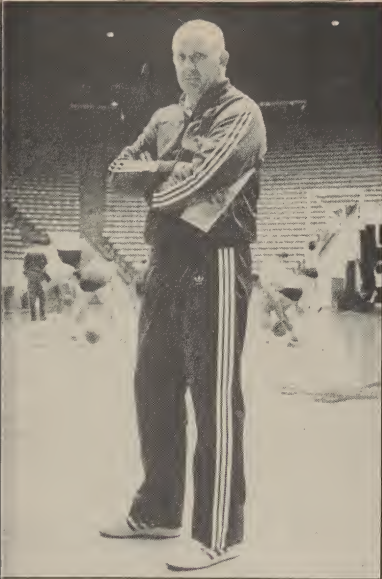
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LADELL ANDERSEN

Andersen receives achievement award

Ladel Andersen, BYU's head basketball coach, received the Sigma Chi fraternity's highest honor for outstanding achievements in his profession.

Andersen, who coached the Utah Stars, a professional team in the American Basketball Association.

The award was established in 1935 and has been presented to John Wayne, Barry Goldwater, Tom Selleck, Dr. William DeVries, Jake Garn and David Letterman.

Ornsmby's stable but paralyzed

DIANAPOLIS (AP)—The coach of North Carolina State, runner Kathy Ornsmby, permanently paralyzed from injuries sustained after jumping from a plane, was upgraded to stable from critical Monday, a spokeswoman for the Memorial Hospital said.

Her father, Dale Ornsmby, said he wanted his daughter transferred so she could be closer to home. The 21-year-old pre-med student from Rockingham, N.C., suffered multiple spinal fractures, a punctured lung and a broken rib when she jumped from a bridge last Wednesday night, minutes after dropping out with 8 1/2 laps remaining in the women's 10,000-meter race at the NCAA Track and Field Championships.

Arizona Nine wins CAA Crown, 10-2

LAHA, Neb. (AP)—Mike Semme and Millay hit two-run homers in the sixth inning and Gary Alexander led a seven-hitter as Arizona defeated Florida State 10-2 for the CAA College World Series title last night.

Alexander, 8-2, lost his shutout bid in the ninth when Luis Alieca led off with a triple and Bien Figueroa singled him home. Ed Fulton singled Figueroa with the second run before Alexander finished off his third complete game of the year.

There has not been a complete game shutout in the CWS title game since Jim Withers of Southern Cal blanked Oklahoma State 1-0 in 1961. Arizona started its title march by scoring unearned runs in the fourth and fifth for a 2-0 lead heading into the big sixth inning.

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France and USSR win shutouts

MEXICO CITY (AP)—European powers France and the Soviet Union shut out opponents Monday to secure places in the second round of the World Cup soccer championship.

The Soviets clinched first place in Group C with a 2-0 victory over Canada in Irapuato. France, the European champion, beat Hungary 3-0 at Leon.

Previously, Brazil and Denmark had made the second portion of the 24-team tournament.

While the Soviets await a third-place game with either Group A, B or F for a game Sunday in Leon, the French will have a one-week respite before facing the runner-up in Group A in Mexico City on June 17. That could be either Italy or Argentina, the winners of the last two Cups.

Hungary's only chance to move on would be as a third-place team — four of them advance — but its minus-7 goal differential just about precludes that.

As for Canada, it went scoreless while losing all three games in its World Cup debut.

The Soviets fielded a team of nine second-stringers against Canada, feeling it already was assured of moving on. The move nearly backfired as the plucky Canadians kept things scoreless for 57 minutes.

Tony Waiters, coach of Team Canada, picked the Soviets to make the semifinals, at least.

"They have to be taken very seriously and I think they'll reach the last four," Waiters predicted. He also expressed pride in his team.

"We have given all we've got. We're disappointed at not scoring a goal or winning a point, but we've learned what we need to do in the future to improve Canadian soccer."

Branko Segota, the striker who did not start in any of Canada's games here, accused his coach of "blackballing" him.

"There was no reason for him to do this to me," said Segota, 24, who played with the MISL champion San Diego Sockers until just before this tournament began. "I didn't do anything that was bad for him to blackball me from the national team. It was not fair to me. I don't want to go through this same thing again."

"I decided to come here and take all this just for my own satisfaction of being in a World Cup."

France went up 1-0 when Yannick Stopyra headed in a long centering pass by William Ayache. The Hungarians tried to open it up in the second half, but that is France's game.

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WASHINGTON (AP) — Arguing that cigarette advertising is not protected by the First Amendment, seven congressmen introduced legislation Monday to ban all forms of tobacco promotion, including newspaper and magazine ads, athletic sponsorships, billboards, posters and even matchbook covers.

"The right to commercial free speech is not absolute," said Rep. Mike Synar, D-Okla., the principle sponsor. "Congress has the authority to limit commercial speech when a substantial government interest is involved."

Tobacco companies also would be forbidden from sponsoring athletic or artistic events under a brand name. They also would not be allowed to promote a non-tobacco product or service carrying the same name or logo as a tobacco product, a practice that in some countries has allowed backdoor cigarette advertising.

Broadcast advertising of cigarettes has been banned by federal law since 1971.

cause of preventable illness in the United States and led to the deaths of some 350,000 people last year. Treating those illnesses cost Americans \$22 billion last year, including \$4 billion from the federal Treasury, he said. The country lost \$43 billion in lost productivity because of smoking, he said.

this year are slim, due to opposition both by powerful tobacco-state politicians and by media concerned about losing advertising revenues.

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CAMPUS

Rabbi encourages inter-faith respect

By ANGIE K. HOLDAWAY
Asst. Campus Editor

We must learn to "develop a healthy respect for one another," said Rabbi Eric A. Silver, Rabbi of Congregation Kol Ami in Salt Lake City, in a campus address sponsored by the Religious Studies Center at Brigham Young University. Rabbi Silver authored a letter to Israeli authorities in defense of the BYU center in Jerusalem. He lends his support to the project, despite opposition by other Jewish leaders, saying it is a matter of "right and wrong." He said the Jews must be prepared to give all people the rights they expect for themselves. S. Kent Brown, the center's assistant director for publications said, "It's more important for us to hear from a person like Rabbi Silver than for us to rely on ourselves to characterize another's faith." Rabbi Silver discussed Judaism from a historical and modern perspective. He said that while there is no superiority of Judaism over Christianity, it fills his needs.

Defining Judaism, he quipped, "If you do not ask, I know the answer." He then gave seven elements of the Jewish religion which are outlined in the book *Basic Judaism* by Milton Steinberg. These elements are doctrine, morality, ritual, body of law, sacred literature, institutions and the people.

He said any religion must have doctrine, and Judaism's roots go back to the ancient semitic tribes 4,000 years old. Silver said that "more important than going to heaven or anything else is the recognition that there is union with one god."

Silver said the main difference between Christians and Jews is how messages are translated. He explained these differences by the "black box idea." He said each religion has its separate box through which, for example, a scripture might pass. As an item enters the black box, something indescribable happens, and an issue or perspective emerges. The different black boxes produce different interpretations of the same information.

BYU clinic helps families cope

A BYU campus clinic is offering classes which help people adjust to divorce, improve couple communication and blend the members of new families created as a result of remarriage.

The classes, each running six to seven weeks, are open to both students and non-students, and are offered by the Comprehensive Clinic. They are taught by Marriage and Family Therapy interns under the supervision of the Dr. Leslie Feinauer, professor of Marriage and Family Therapy.

The class titled *The Blended Family* is offered to two families that are brought together as a result of remarriage.

"Many of today's marriages involve more than just a

husband and a wife," said Rita Edmonds, Clinic Group Coordinator. "In fact, according to the U.S. Bureau of Census records, approximately 80 percent of those who are divorced or widowed do remarry."

Another class offered is a divorce adjustment group. It is open to all who have experienced the effects of divorce or separation. "The group's objective," Edmonds said, "is to assist participants in developing skills to build new lives." The focus is on the strengths of the members, problem solving and rebuilding self-esteem after the divorce.

The third class is a couples communication group. It is designed for married couples who want to improve their communication and increase intimacy, said Edmonds.

Republican party to hold convention

The Utah Republican Party will hold their 1986 Nominating Convention June 20 and June 21 in Salt Lake City.

More than 2,500 delegates are expected to attend.

The theme of this year's convention will be "Catch the American Dream," said Larry Lund, chairman of the Utah Republican Party.

Friday, June 20, delegates will hear from various committee chairmen and will be able to discuss and vote on the party's platform.

Nominations and speeches from members of Utah's Congressional delegation up for re-election, including the hotly contested Second Congressional District race, will be heard Saturday, June 21.

New computer program simulates heart attacks

By JON NIELSON
Universe Staff Writer

Orem Community Hospital has been using a computer program that simulates the causes of cardiac arrest to enable those who treat heart attack victims to practice. The cardiac arrest program, under the copyright of Mad Scientist Software, was developed by Dr. Bruce R. Argyle, Medical Staff President of Orem Community Hospital.

The program has two functions: To help doctors, nurses and paramedics to stay in practice, and to help those who aren't as knowledgeable about medicine to learn about cardiac arrest.

At the beginning of the program, a brief patient history is given, such as age, height, weight, etc. It also gives vital signs: blood pressure, heart rate, pulse, respirations and an electroencephalogram — a record of the electrical changes of the brain.

The person running the program is now ready to treat the patient by ordering step by step treatments. Treatments include any medication to be given: I.V.s, lab tests or electrical stimulation. After each treatment is applied, new vital signs are given. If the wrong treatment is given, the patient will get worse. However, even if the correct treatment and procedures have been followed, the simulator can still show the patient as getting worse.

"I wanted to make it as life-like as possible," said Argyle. "Sometimes, despite doing everything correctly, the patient's condition will worsen, though every patient on the program is capable of being saved."

At the end of the simulation, the program will give an analysis of the person who worked on that patient. The analysis tells the person what they did right and what they

did wrong. "If you mess up, the program will let you know," said Argyle.

"The best aspect of this program is that the patient's symptoms change every time, even if you run the same patient over and over. The possible combinations of vital signs and how the patient responds to each treatment is limitless," Argyle said. Of the 45 patients contained in the program, a person can choose from one that has easy, difficult, pediatric, or specific problems relating to cardiac arrest.

The program has been extremely well-received by paramedics and nurses, said Argyle. "The paramedics were so excited about the program that four or five of them bought Atari computers so they would be able to run the program."

"It's the most realistic simulation I've seen, and it does a good job in assisting with keeping us current in our skills," said Kit Clawson, captain of the Orem North Paramedic Station, which uses copies of the program to keep its paramedics in practice.

One doctor in American Fork, where the simulator is being used, said he had to go back and study the books. "My nurses are now practiced in cardiac arrest care time." "I began writing the program for fun and then realized its possibilities," said Argyle. Computer education hasn't been widely applied to community hospitals or schools. This is mainly because most of the computer education programs are either page flipping, where a person reads a screen of text, hits a button, reads another screen, etc. Or, questions where the person reads a question and then answers A, B, C or D.

The problem with these kinds of programs is that they are boring and never change, said Argyle. "My program changes every time a person turns it on."

Queen's mother outlives precursor

LONDON (AP) — Queen Mother Elizabeth has lived longer than anyone who served as Britain's queen, now that she has reached the age of 85 years and 304 days.

The Guinness Book of Records said Monday that the queen mother surpassed the previous record-holder, her late mother-in-law Queen Mary, on Sunday. Queen Mary died in 1953 at age 85 and 303 days and was the widow of King George V, who died in 1936.

The queen mother, widow of King George VI who died in 1952, lives in Clarence House near her daughter, Queen Elizabeth II at Buckingham Palace.

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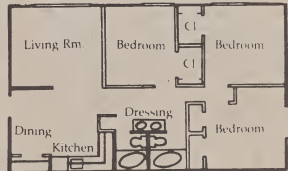
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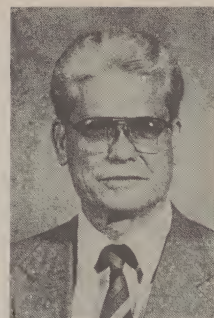
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11:00 a.m.

"What Can We Learn from Martin Luther?"

I'm a Mormon, why should I read Luther? What can he teach me about the gospel? Can Luther add anything to my worship? What can he tell me about love, family, and home? What does Luther have to say that is relevant to any of the important issues of our day, or of my life?

These questions have been asked more than once on this campus. They are not bad questions, if their purpose is to find answers rather than to justify ignorance. The Reformation of the sixteenth century was one of the pivotal movements of the Western world, and Martin Luther was its key mover. Few people have had a greater impact on the life and thought of Christendom



than he. Yet many of us are unaware of the real nature of that impact, how the Reformation actually came about, or how much of what this insightful thinker and prolific writer had to say that is as relevant today as it was 465 years ago.

Illustrated Lecture

Question and Answer Session
at Noon in the Varsity Theater